

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ RINCE TUBE ☐ MULTIPLE TUBE ☒

2 NAME OF OPERATOR  
Chusla Energy Co.

3 ADDRESS OF OPERATOR  
c/o 3E Company, Inc., Box 190, Farmington, NM 87401

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements\*)  
At surface 820' FSL & 820' FEL

At proposed prod. zone Same

14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR CITY OFFICE\*

15 DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROJECTED OR LEASE LINE FT (Also to nearest drilg unit line if any)

16 DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL DRILLING COMPLETED OR ANTICIPATED FOR THIS LEASE FT

21 ELEVATIONS (Show whether DF RT GR etc)  
4723' GR

REQUIRED CASING AND CEMENTING PROGRAM

SIZE OF HO C	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
17 1/2"	13 3/8"	54.5	100
12 1/4"	8 5/8"	24	1300
7 7/8"	5 1/2"	15.5	5830

QUANTITY OF CEMENT  
See attached cement information

See Attached

RECEIVED  
NOV 30 1984

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 7-12-84  
BY: [Signature]

DIVISION OF  
OIL, GAS & MINING

IN ABOVE CASE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subs. face location, measured and true vertical depths. Give blowout prevention program, if any.

24  
5' STD [Signature] Bret A. Cook TITLE Agent DATE 11/26/84  
(This space for Federal or State office use)

15c APPROVAL DATE

APPROVAL DATE TITLE DATE

\*See Instructions On Reverse Side

COMPANY CHUSKA ENERGY COMPANY

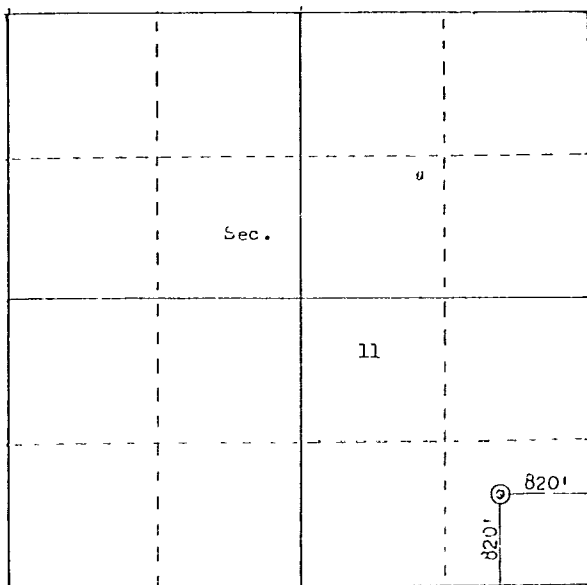
LEASE NAVAJO TRIBAL WELL NO 44 11

SEC 11, T 42S, R 24E

SAN JUAN COUNTY, UTAH

LOCATION 820' FSL 820' FEL

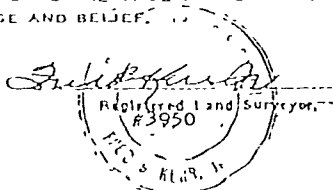
ELEVATION 4723 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DEAL



SURVEYED November 2, 1983

FORMATION INFORMATION AND  
DRILLING PRACTICES

CHUSPA ENERGY CO.  
Navajo Tribal 44-11  
122' PSL & 12.1' PSL  
Sec 11, 12S, 24E  
San Juan Co., Utah

1. Surface Formation: Bluff Sandstone

2. Estimated Formation Tops:

DeChelly	2760'
Organ Rock	2850'
Hermosa	4670'
Upper Ismay	5505'
Lower Ismay	5625'
Desert Creek	5665'
T. D.	5830'

3. Estimated Depth of Anticipated Oil, Gas Water or Minerals:

Oil	5625'
Oil	5665'

4. Proposed Casing Program:

C-170' 13 3/8" 54.5 lb/ft, ST & C K-55 new casing; cement with 125 cubic feet class "B" + 3% CaCl<sub>2</sub> + 1/4 lb Flocele per sack. Cement will be brought to surface.

C-1370' 8 5/8" 24 lb/ft, ST & C, K-55 new casing; cement with 775 cubic feet class "B" + 4% gel + 2% CaCl<sub>2</sub> + 1/2 lb flocele/sk; 325 cubic feet class "B" + 2% CaCl<sub>2</sub> + 1/4 lb Flocele/sk. Cement will be brought to surface.

C-5230' T.D. 5 1/2" 15.5 lb/ft, ST & C, K-55 new casing; cement with 450 cubic feet class "B" + 10 lb Cal-seal/sk + 10% salt + 0.6% fluid loss additive. Cement top at 4500'.

5. Pressure Control Equipment - Blow Out Preventor:

The attached schematic shows the type of blow out preventor to be used while drilling. The unit will be tested to 800 psi prior to drilling from under surface pipe.

6. Drilling Fluids:

DEPTH	TYPE	VIS.	WEIGHT	FLUID LOSS
530-4000'	Gel-chem	35-45	9.5	15cc
4000-5830'	Low solids	45-50	10.0	9cc

7. Auxiliary Equipment:

- a. Bit float
- b. Stabbing valve to be used in drill pipe when kelly is not connected.

8. Logging - Coring - Testing Program:

Logging - Open Hole . 1.5, C/L, PDC  
 'ud : 4000' to t.d.

Testing possible in Lower Ismay and Desert Creek

Coring one planned

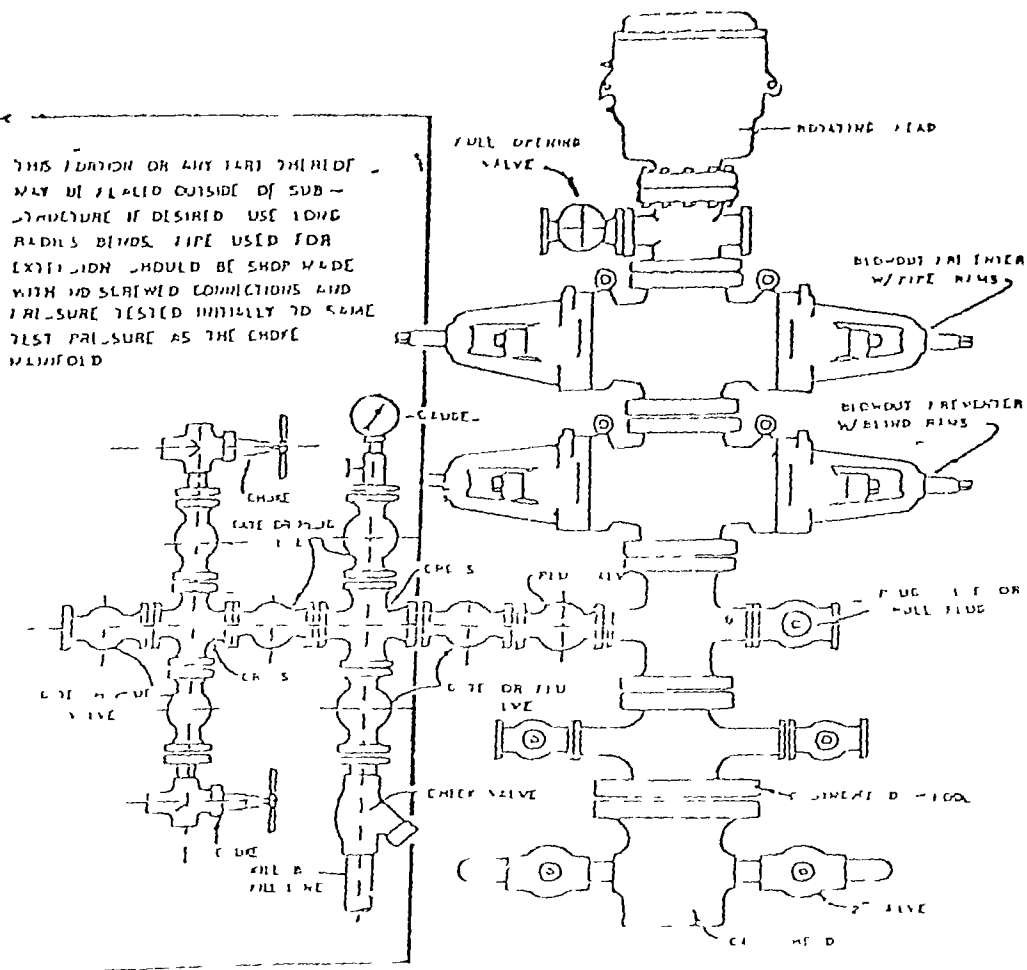
9. Abnormal Temperatures, Pressures or Potential Hazards:

None Expected

10. Starting Date:

Anticipated starting date is December 27, 1964. Approximately 5 days will be required to build roads and location. Drilling will take about 15 days. Completion should be accomplished in 6 days.

THIS PORTION OR ANY PART THEREOF  
MAY BE PLACED OUTSIDE OF SUB-  
STRUCTURE IF DESIRED USE LONG  
RADIIUS BENDS. PIPE USED FOR  
EXTENSION SHOULD BE SHOP MADE  
WITH NO SLATWED CONNECTIONS AND  
PRESSURE TESTED INITIALLY TO SAME  
TEST PRESSURE AS THE END OF  
MANIFOLD



BLOWOUT PREVENTER HOOKUP

SURFACE USE PLAN

CHUSKA ENERGY CO.  
Navajo Tribal 44-11  
620' FSL & 620' FTL  
Sec 11, 22S, 24E  
San Juan Co., Utah

1. Existing Roads (shown in green)

The attached topographic map shows all existing roads within one mile of the proposed location. The access road will join an existing dirt road.

2. Planned Access Road (shown in red)

The new access road will run North to an existing dirt road approximately 1 mile to the well site. Maximum grade will be 10%. Later bars will be used to prevent erosion.

3. Location of Existing Wells

All existing oil, gas, water, drilling and disposal wells are shown on the attached topographic map.

4. Location of Tank Batteries, Prod. Facilities & Prod. Gathering & Service Lines

All production facilities are to be contained within the proposed location site. The operation has no other facilities in the area.

5. Location and Type of Water Supply

Water will be trucked from the San Juan River, 8 miles South of the location.

6. Source of Construction Materials

Any gravel or other construction material that can not be obtained from the excess accumulated from building the location will be purchased from the area.

7. Methods of Handling Waste Disposal

All trash will be carried to a land fill or burned. All nonburnable materials (drilling fluids, cuttings, chemicals) will be stored in the reserve pit and then buried when they have dried. Any oil produced while drilling will be trucked from the location prior to leaving out to dry out. Pits will be completely fenced during drying time, then backfilled with dirt prior to preparing the location for production or abandonment.



8. A portable chemical toilet will be supplied for human waste.

9. Ancillary Facilities - No ancillary facilities are planned.

10. Well Site Layout - The attached layout shows the drilling rig with all associated facilities. Cut and fill required is also indicated.

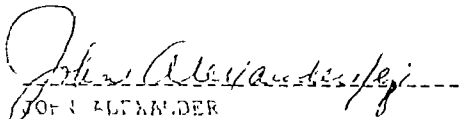
11. Plans for Restoration of Surface

Restoration of the wellsite and access road will begin within 90 days of well completion, weather permitting, and if required by private land owner. Should well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed up and leveled. Both drillsite and road will have any topsoil replaced and will be reseeded when germination of seeds can take place. In either case, cleanup of the site will include burning of any safely burnable material, filling of all pits, carrying away of all nonburnable material and any chemicals that cannot be safely buried, and the hauling off of any oil that may have accumulated on the pits while drilling. A burn permit will be acquired if necessary.

12. The location is located in the Lone Mountain Canyon Area. The area is dry sandy. No artifacts were found at the site. There are no residences in the area.

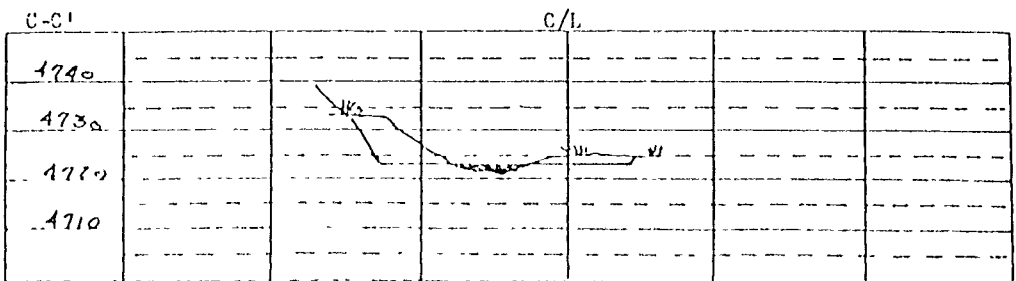
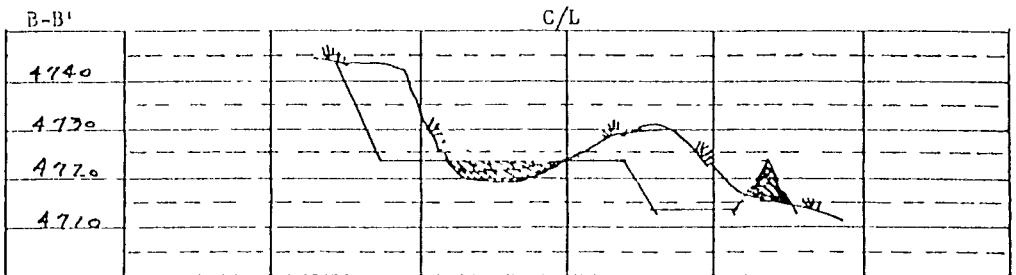
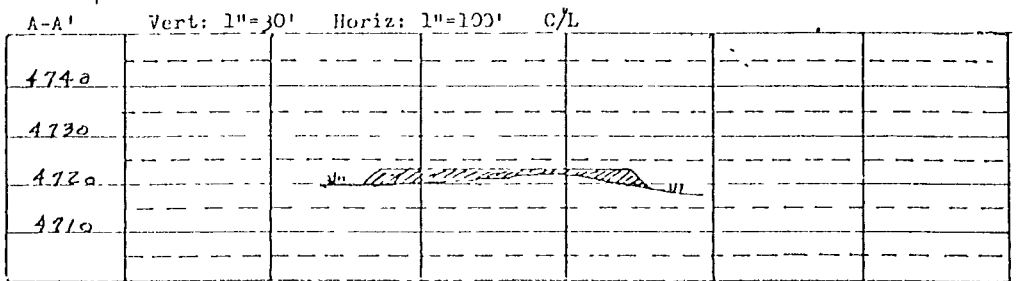
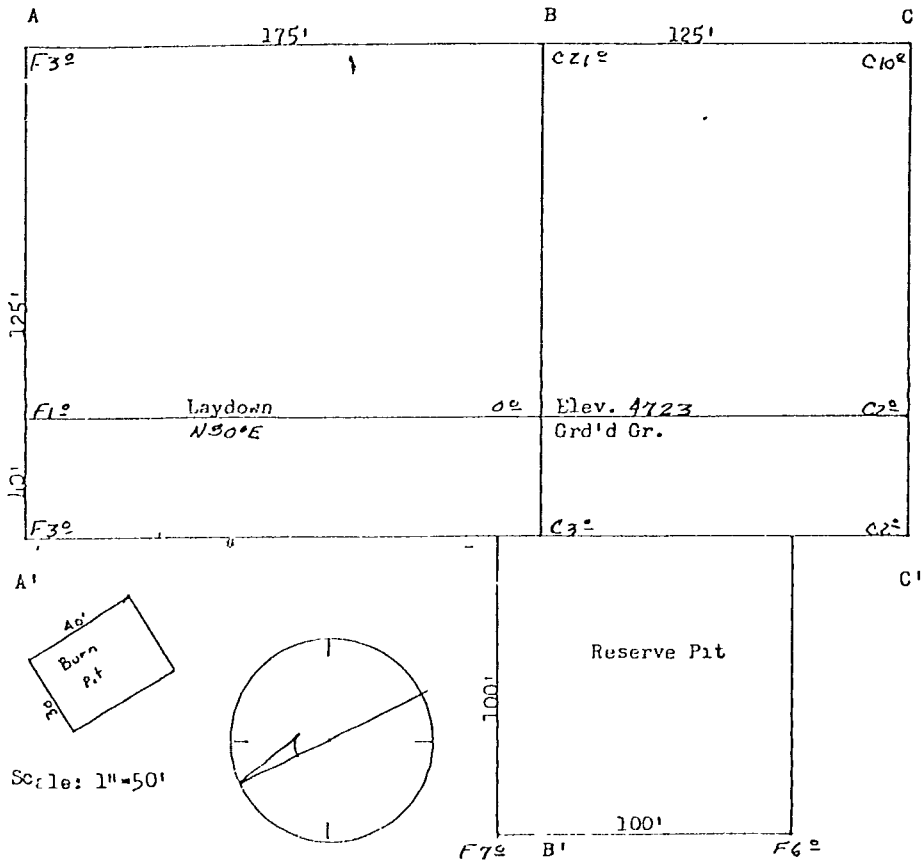
13. John Alexander  
OO Company, Inc.  
P.O. Box 190  
Burlington, UT 84709  
Phone: 801-326-1135

14. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Chuska Energy Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
JOHN ALEXANDER  
November 26, 1984

JA:bj

CHUSKA ENERGY CO. #44-11 NAVAJO TRIBAL  
 P" 'F5L 820' FEL Sec. 11-T42S-R24E  
 Saa JUAN COUNTY, UTAH

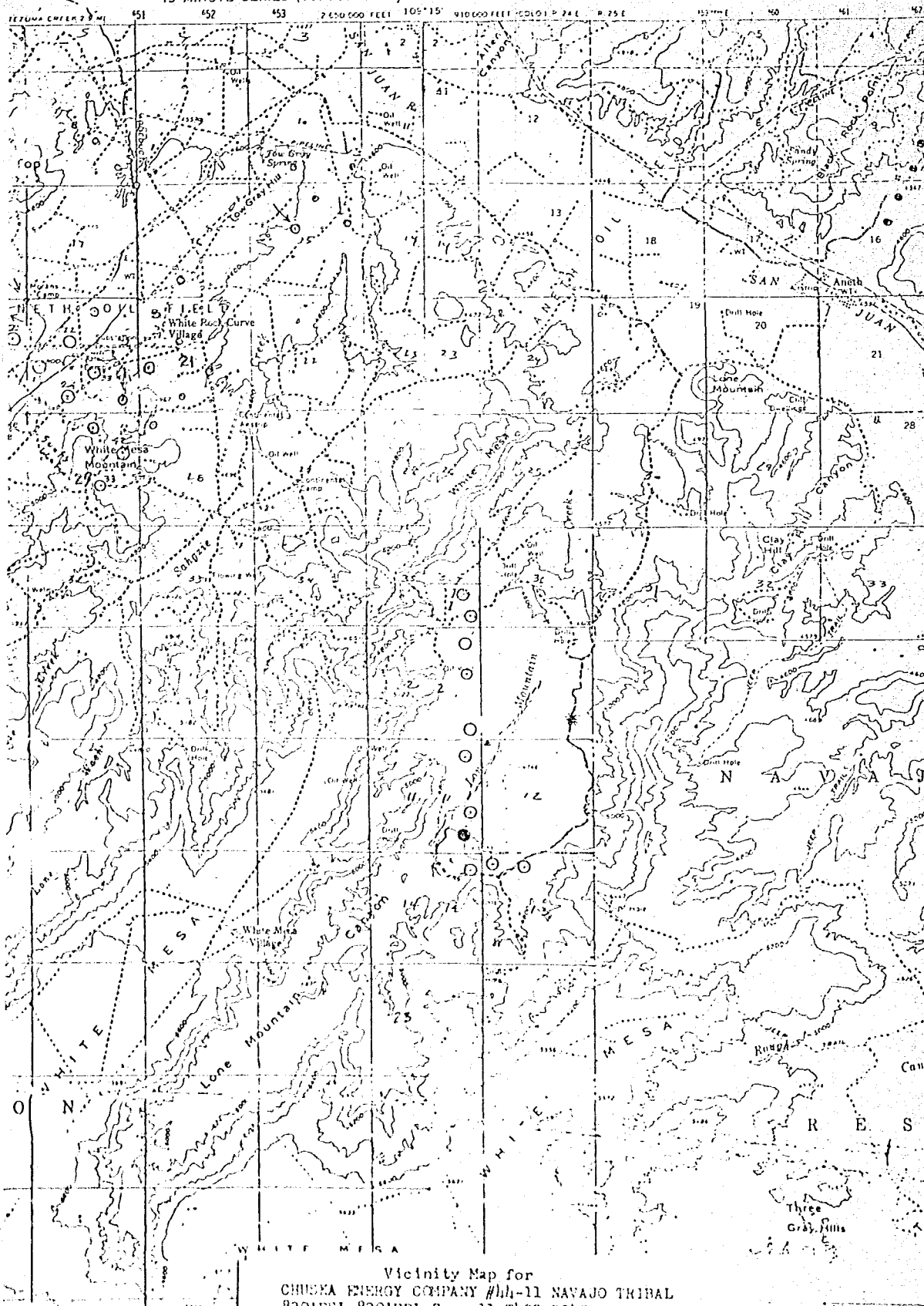


WHITE MESA VILLAGE QUADRANGLE  
UTAH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

15 MINUTE SERIES (TOPOGRAPHIC)

105°15' 910,000 FEET 105°15' 910,000 FEET 105°15' 910,000 FEET



Vicinity Map for  
CHUSKA ENERGY COMPANY #44-11 NAVAJO TRIBAL  
B20°FSL B20°FSL Sec. 11-T42S-R24E  
SAN JUAN COUNTY, UTAH

OPERATOR Chuska Energy DATE 12-4-84  
WELL NAME Navage Ditch # 44-11  
SEC SE SE 11 T 42S R 24E COUNTY San Juan

43-037-31116  
API NUMBER

Indian  
TYPE OF LEASE

CHECK OFF:



PLAT



BOND



NEAREST WELL



LEASE



FIELD



POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

No other wells in Sec 11

Need water permit

APPROVAL LETTER:

SPACING: ☐ A-3 \_\_\_\_\_ UNIT

☐ C-3-a \_\_\_\_\_ CAUSE NO. & DATE



C-3-b



C-3-c

STIPULATIONS:

1- Water

2- BOP - 3000 psi, 4 5/8" casing



STATE OF UTAH  
NATURAL RESOURCES  
Oil Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building Salt Lake City UT 84114 801 533 5771

December 5, 1984

Chuska Energy Company  
c/o 3E Company, Inc.  
P. O. Box 190  
Farmington, New Mexico 87401

Gentlemen:

Re. Well No. Navajo Tribal #44-11 - SE SE Sec. 11, T. 42S, R. 24E  
820' FSL, 820' FCL - San Juan County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.
2. Blowout prevention equipment with a minimum of 3000 psi working pressure should be used after drilling out of 8 5/8" casing.

In addition, the following actions are necessary to fully comply with this approval:

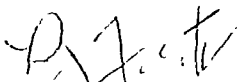
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-3-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Chuska Energy Company  
Well No. Navajo Tribal #44-11  
December 5, 1984  
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31116.

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. J. Firth', with a stylized flourish at the end.

R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
Bureau of Indian Affairs.



STATE OF UTAH  
NATURAL RESOURCES  
Oil Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City UT 84103 • 801-538-5340

January 20, 1986

Bureau of Land Management  
Branch of Fluid Minerals  
P O Box 970  
Moab, Utah 84502

Attention: Ms. Carol Friediger

Dear Carol:

Re: Well No. Navajo Tribal #44-11 - Sec. 11, T. 42S, R. 24E  
San Juan County, Utah - Lease No. N0G-8308-1033  
Operator of Record: Chuska Energy Company

The above referenced well in your district was given state approval to drill December 5, 1984. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,

Tami Searing  
Well Records Specialist

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0320/70





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Fungertar, Governor  
Dee C. Hanson, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple, Court Center, Suite 350, Salt Lake City, UT 84103 • 801 533 5340

April 8, 1986

Mr. John Keller  
U.S. Bureau of Land Management  
Caller Service 4104  
Farmington, New Mexico 87499

Dear Mr. Keller:

RE: Status of Wells in San Juan County, Utah

Pursuant to our telephone conversation, I am requesting status information for the wells listed on the attached sheet. The listed wells were approved by this office over one year ago and no additional information has been received from the operator to indicate whether the wells have been drilled. I would appreciate information from your office stating the current status of these applications. Based on your response, this office will take administrative action in coordination with any BLM action.

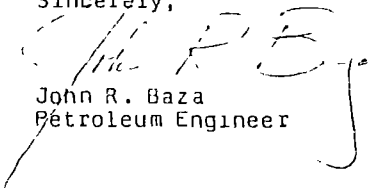
The wells are listed by operator, well name and location with the Indian lease number referenced. I could not find the operating agreement number listed in the well records of this office; therefore, it is not shown for any of the wells.

Your consideration of this request is appreciated. If you can provide us with any other information concerning administrative actions taken for wells on Navajo Indian land, it would greatly improve the quality of our well records. This office currently coordinates with other BLM offices within Utah to provide notice of drilling approvals and rescission notices and we would be happy to develop a similar arrangement with your office.

Page 2  
Mr. John Keller  
April 8, 1986

Please contact me if you have any questions concerning this request.

Sincerely,



John R. Baza  
Petroleum Engineer

sb  
Attachment  
cc: D. R. Nielson  
R. J. Firth  
Well Files  
0265T-73-74

ATTACHMENT

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 13-35  
SEC.35, T.41S, R.25E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-30946  
LEASE NO. NOG-8308-1033

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 44-11  
SEC.11, T.42S, R.24E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31116  
LEASE NO. NOG-8308-1033

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 24-10  
SEC.10, T.40S, R.24E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-30976  
LEASE NO. NOG-8308-1033

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 43-21  
SEC.21, T.40S, R.25E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31037  
LEASE NO. NOG-8308-1033

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 12-22  
SEC.22, T.40S, R.25E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31114  
LEASE NO. NOG-8308-1033

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 43-1  
SEC.1, T.41S, R.22E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31039  
LEASE NO. NOG-8308-1033

PAGE TWO  
ATTACHMENT

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 12-31  
SEC.31, T.40S, R.23E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31035  
LEASE NO. NOG-8308-1033

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 32-36  
SEC.36, T.40S, R.22E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31036  
LEASE NO. NOG-8308-1033

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 31-36  
SEC.36, T.40S, R.22E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31061  
LEASE NO. NOG-8308-1033

HICKS OIL AND GAS, INC.  
WELL NO. AZTEC-NAVAJO #2  
SEC.33, T.41S, R.26E,  
SAN JUAN COUNTY, UTAH  
API NO.43-037-31071  
LEASE NO. 14-20-0603-8495



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Caller Service 4104  
Farmington, New Mexico 87499

IN REPLY REFER TO  
NOG-8308-1033  
3100 (016)

APR 16 1986

RECEIVED  
APR 23 1986

DIVISION OF  
OIL, GAS & MINING

State of Utah Natural Resources  
Oil, Gas and Mining  
Attn: Mr. John R. Baza, Petroleum Engineer  
355 W. North Temple 3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Mr. Baza:

All proposed wells on the accompanying list were either returned unapproved or approval was rescinded on the dates indicated beside each.

In the future this office will route a copy of the transmittal letter for such actions occurring in the State of Utah to your office for record purposes.

For your information, the number NOG-8308-1033 is the Navajo Operating Agreement number, not a lease number.

Sincerely,

For John S. McKee  
Acting Area Manager

Enclosure

ATTACHMENT

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 13-35  
SEC.35, T.41S, R.25E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-30946  
LEASE NO. NOG-8308-1033

*Returned 1/1/86*

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 44-11  
SEC.11, T.42S, R.24E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31116  
LEASE NO. NOG-8308-1033

*Returned 2/13/85*

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 24-10  
SEC.10, T.40S, R.24E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-30976  
LEASE NO. NOG-8308-1033

*Returned 1-14/86*

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 43-21  
SEC.21, T.40S, R.25E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31037  
LEASE NO. NOG-8308-1033

*Returned 2/14/86*

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 12-22  
SEC.22, T.40S, R.25E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31114  
LEASE NO. NOG-8308-1033

*Returned 7/13/85*

CHUSKA ENERGY COMPANY  
WELL NO. NAVAJO TRIBAL 43-1  
SEC.1, T.41S, R.22E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31039  
LEASE NO. NOG-8308-1033

*Returned 1/4/86*

PAGE TWO  
ATTACHMENT

CHUSKA ENERGY COMPANY  
WELL NO. HAVAJO TRIBAL 12-31  
SEC.31, T.40S, R.23E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31035  
LEASE NO. NOG-8308-1033

*12-31-31*

CHUSKA ENERGY COMPANY  
WELL NO. HAVAJO TRIBAL 32-36  
SEC.36, T.40S, R.22E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31036  
LEASE NO. NOG-8308-1033

*12-31-36*

CHUSKA ENERGY COMPANY  
WELL NO. HAVAJO TRIBAL 31-36  
SEC.36, T.40S, R.22E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31061  
LEASE NO. NOG-8308-1033

*12-31-36*

HICKS OIL AND GAS, INC.  
WELL NO. AZTEC-HAVAJO #2  
SEC.33, T.41S, R.24E,  
SAN JUAN COUNTY, UTAH  
API NO. 43-037-31071  
LEASE NO. 14-20-0603-8495

*31-31-36  
Approved 6/20/00*



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Sam H. Bangerter Governor  
Dale D. Hansen Executive Director  
Donne R. Firth PhD Division Director

6-150 (Rev. 1-78) 1-14-80 111 601 538 53-0

May 5, 1986

Chuska Energy Company  
c/o 3E Company, Inc.  
Box 190  
Farmington, New Mexico 87499

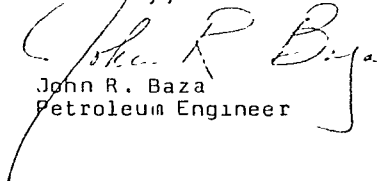
Gentlemen:

RE: Well No. Navajo Tribal 44-11, Sec. 11, T. 42S, R. 24E,  
San Juan County, Utah, API NO. 43-037-31116

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

  
John R. Baza  
Petroleum Engineer

sb  
cc: BLM-Farmington  
D. R. Nielson  
R. J. Firth  
Well file  
0278T-55